

BHRUHAT BANGALORE MAHANAGARA PALIKE

Project Division Yelahanka ZONE

Name of Work:- Package-02 Construction of Samudaya Bhavana Buildings at Dasarahalli SC Colony Mariyannapalya Clony Amruthahalli SC Colony Kuvempunagara SC Colony and Varadarajanagara SC Colony

Measurement Sheet

2nd and Part Bill

Name of Agency: K.Gopireddy

Work Order :- EE(Project)/Ynk Zone/WO/78/2017-18

Name of the Division:- Project Division, Yelahanka

Measurement Recorded On:-06/06/2019, 25/06/2019

Item No: 6

Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.70cum and fine aggregates @ 0.47cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, Pedastals, retaining walls, return walls (any thickness) including attached pilasters, columns, pillars, posts, struts, bed blocks, anchor blocks and Plinth etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. and as per the direction Engineer-in-Charge

SLN	Description	Unit	No's	Length	Breadth	H/D	Qty	Remarks
	Quantity vide Pre-Measurement Sheet()						0.36	
	Samudaya Bhavan at Kuvempunagar							
	Sump Raft		1	2.70	2.15	0.15	0.87	
	Sump Wall		2	2.70	2.50	0.15	2.03	
			2	1.50	2.65	0.15	1.19	
	Staircase beam		1	2.00	0.30	0.30	0.18	
	Staircase beam		1	2.00	0.30	0.30	0.18	
	Waist Slab-1		1	4.00	1.00	0.15	0.60	
	Waist Slab-2		1	3.20	1.00	0.15	0.48	
	Steps		24	1.00	0.15	0.15	0.54	
	Landing		2	2.00	1.50	0.15	0.90	
	Roof		1	7.95	15.40	0.15	18.36	
	Roof opposite Main Door		1	7.95	0.90	0.15	1.07	
	Coloumns Above Roof		10	0.23	0.45	0.60	0.62	
	Sump Top Cover Slab		1	2.70	2.15	0.20	1.16	
	Column for Toilet		4	0.30	0.15	2.10	0.38	
	For Toilet Roof		1	2.00	1.50	0.15	0.45	
							Total Qty	29.79 Cum
							Present Qty	29.79 Cum
							Quantity upto 125%	22.57 Cum
							At the Rate-Rs	6718.00
							Amount	151591.84
							Quantity Above 125%	7.23 Cum

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BHRUHAT BANGALORE MAHANAGARA PALIKE

Project Division Yelahanka ZONE

Name of Work:- Package-02 Construction of Samudaya Bhavana Buildings at Dasarahalli SC Colony Mariyannapalya Clony Amruthahalli SC Colony Kuvempunagara SC Colony and Varadarajanagara SC Colony

Measurement Sheet**2nd and Part Bill**

Name of Agency: K.Gopireddy

Work Order :- EE(Project)/Ynk Zone/WO/78/2017-18

Name of the Division:- Project Division, Yelahanka

Measurement Recorded On:-20/06/2019

Item No	Description	Unit	No's	Length	Breadth	H/D	Qty	Remarks
9	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.70cum and fine aggregates @ 0.47cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in Ground Floor Level for Roof Slabs, Staircase, Lintels and Beams, retaining walls, return walls, Walls (any thickness) including attached pilasters, columns, pillars, posts, struts, buttresses, string or lacing courses, Parapets, Coping, bed blocks, anchor blocks, Plain Window Cills, Fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. and as per the direction Engineer-in-Charge							
	Samudaya Bhavan at Dasarahalli							
	Sump Raft		1	2.70	2.15	0.15	0.87	} c/c
	Sump Wall		1	2.70	0.20	1.55	1.67	
			1	2.15	0.20	1.55	1.33	
	Samudaya Bhavan at Kuvempunagar							} c/c
	Flooring at building Outside							
	Sides		1	15.00	2.00	0.15	4.50	
	Back Side		1	10.00	0.80	0.15	1.20	} c/c
	Front		1	8.60	9.35	0.15	12.06	
	Deductions							
	Toilet		-1	4.00	0.75	0.15	-0.45	} c/c
	Sump		-1	3.00	2.50	0.15	-1.13	
							Total Qty	20.06
							Present Qty	20.06
							Quantity upto 125%	0.00
							At the Rate-Rs	6870.00
							Amount	0.00
							Quantity Above 125%	20.06
							At the Rate-Rs	6786.28
							Amount	136161.61
							Total Amount	136161.61

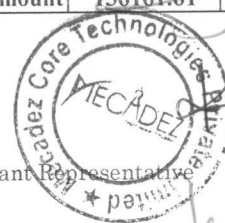
Contractor Representative



Asst Engineer

Project Division Yelahanka ZONE, BBMP

Consultant Representative




Asst. Executive Engineer

Project Division Yelahanka ZONE, BBMP

BHRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Package-02 Construction of Samudaya Bhavana Buildings at Dasarahalli SC Colony
 Maryannapalya Clony Amruthahalli SC Colony Kuvempunagara SC Colony and Varadarajanagara SC Colony

**Measurement Sheet
 2nd and Part Bill**

Name of Agency: K.Gopireddy

Work Order :- EE(Project)/Ynk Zone/WO/78/2017-18

Name of the Division:- Project Division, Yelahanka

Measurement Recorded On:-30/07/2019, 08/08/2019

Providing and fixing in position anodized aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm with 1.2mm thick, bottom section weight 0.695 kg/m, sides and top sections 1.3 mm. thick weight 0.659 kg/m; and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg./m; shutter outer side 40mm x 18mm, 1.25mm thick weight 0.417 kg/m, shutter interlock section 40mmx26.7mm, 1.1mm thick, weight 0.469 kg/m. the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc. and providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading aluminium sections anodised 12 to 15 microns, including cutting to required length, joints mitred subdividing the frame tenoned and rivetted in the assembled frame stiffened with end clips at corners angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be with necessary steels crews, raul plugs, or teak wood gaffies including cutting masonry or concrete and making good the original surface using cement mortar, aluminium sections pretreated for removal of any rust and coated with greasy for non adhesion of mortor and other sticky materials: (this coating should be cleaned after installation) including cost of materials, labour charges, HOM of machineries complete as per specifications. Specification No. KBS ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge

Description	Unit	No's	Length	Breadth	H/D	Qty	Remarks
Samudaya Bhavan at Dasarahalli							
GF Window		4	1.20		1.20	5.76	} <i>check</i>
FF Window		2	1.20		1.20	2.88	
FF Window		1	1.20		0.60	0.72	
FF Ventilator		1	0.60		0.60	0.36	
Gate		1	2.10		2.89	6.07	
Samudaya Bhavan at Kuvempu Nagar							
Window		3	1.20		1.40	5.04	}
Window		1	1.20		1.00	1.20	
					Total Qty	22.03	Sqm
					Quantity Limit to	21.84	Sqm
					Quantity Carried to Bill	21.84	Sqm
					At the Rate-Rs	4000.0	
					Amount	87360.00	

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Contractor Representative

Consultant Representative

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 Asst Engineer

Project Division Yelahanka ZONE , BBMP

[Signature] 8/8/19
 Asst.Executive Engineer
 Project Division Yelahanka
 ZONE , BBMP

BHRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Package-02 Construction of Samudaya Bhavana Buildings at Dasarahalli SC Colony
Murryannapalya Clony Amruthahalli SC Colony Kuvempunagara SC Colony and Varadarajanagara SC Colony

Measurement Sheet

2nd and Part Bill

Name of Agency: K.Gopireddy

Work Order :- EE(Project)/Ynk Zone/WO/78/2017-18

Name of the Division:- Project Division, Yelahanka

Measurement Recorded On:-27/07/2019, 06/08/2019

Providing , fabricating , assembling and fixing in position aluminium doors using following aluminium mat finish or glossy finish, outer frame plain section 101.6x44.45mm thickness 3.18mm, section weight 2.404 kg/m, door shutters vertical section 44.62x44.45mm thickness 3.18mm, section weight 1.505 kg/m , top section 47.62x44.45mm thickness 3.18mm, section weight 2.646 kg/m, door central section 49.91x44.45mm thickness 3.00mm,section weight 1.495 kg/m glazing clips 19x17.3x11mm thickness 0.9mm section weight 0.124kg/m , aluminium section cut to length joint metred corners grinded , the shutters pivoted opening arrangement with heavy duty aluminium alloy automatic door closures floor mounted ,providing and fixing standard approved accessories , such as aluminium handle for full width or length, tower bolts, lock , pivots P.V.C.or rubber gasket with 5.5m.thick plain glass for top and bottom panel: aluminium section treated for removal of any rust and prevention of further rust formation,and coated with greasy materials for non - adherence of mortars or any other stick materials; the assemble frame fitted with the corner angles, strips and fitted with screws ,rawl plugs or teakwood guttise to R.C.C.columns or masonry on sides. beams and flooring in bottom. including cutting , chistling and making good with cement mortar to match the surface ;all the frames throughly cleaned free from rust, scale , or dirt including cost of materials,fixtures,labour and HOM of machinery complete as per specifications. ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge

Description	Unit	No's	Length	Breadth	H/D	Qty	Remarks
Samudaya Bhavan at Dasarahalli							
GF Window		4	1.20		1.20	5.76	} <i>calc</i>
FF Window		2	1.20		1.20	2.88	
FF Window		1	1.20		0.60	0.72	
FF Ventilator		1	0.60		0.60	0.36	
Gate		1	2.10		2.89	6.07	
Samudaya Bhavan at Kuvempu Nagar							
Window		3	1.20		1.40	5.04	}
Window		1	1.20		1.00	1.20	
					Total Qty	22.03	Sqm
					Quantity Limit to	21.84	Sqm
					Quantity Carried to Bill	21.84	Sqm
					At the Rate-Rs	6700.0	
					Amount	146328.00	

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V. 8/8/19

Contractor Representative

Consultant Representative

A. the
Asst Engineer

Project Division Yelahanka ZONE , BBMP

Amu 6/8/19
Asst.Executive Engineer
Project Division Yelahanka ZONE
, BBMP

BHRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Package-02 Construction of Samudaya Bhavana Buildings at Dasarahalli SC Colony
 Marayannapalya Clony Amruthahalli SC Colony Kuvempunagara SC Colony and Varadarajanagara SC Colony

Measurement Sheet**2nd and Part Bill**

Name of Agency: K.Gopireddy

Work Order :- EE(Project)/Ynk Zone/WO/78/2017-18

Name of the Division:- Project Division, Yelahanka

Measurement Recorded On:-19/08/2019

Providing and fixing Pull and Push Type rolling shutters of approved make out of 18 guage, 75mm wide cold rolled steel laths of convex corrugation, with side guides and bottom rail with interlocking arrangement for steel laths by means of alternate clips, suspension shaft with high tension coil type springs two numbers mounted on specially designed pipe shaft with bracket plates, guide channels ball bearing arrangements for inside and outside locking with push and pull operations complete including pulling hooks, 4nos handles with all fitting and accessories, labour Hom of machinert complete as per specification shutter size 3mx2.8m specification no KBS 7.10/7.12(Page No.31 items No.7.5) ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge

Description	Unit	No's	Length	Breadth	H/D	Qty	Remarks
Samudaya Bhavan at Dasarahalli							
Rolling Shutter		1	3.00		2.70	8.10	
						Total Qty	8.10 Sqm
						Present Qty	8.10 Sqm
						At the Rate-Rs	2900.0
						Amount	23490.00

Contractor Representative

A. Thi
 Asst Engineer

Project Division Yelahanka ZONE , BBMP

Consultant Representative

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 Asst.Executive Engineer
 Project Division Yelahanka
 ZONE , BBMP